

COPY

PTO/SB/01A (10-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
☐ Application No. _____, filed on _____,
☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Laurence C. Eisenlohr

Signature: 

Citizen of: US

Inventor two: Michael T. Howard

Signature: _____

Citizen of: US

Inventor three: _____

Signature: _____

Citizen of: _____

Inventor four: _____

Signature: _____

Citizen of: _____

☐ Additional inventors are being named on _____ additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

COPY

PTO/SB/01A (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
☒ Application No. 09/981,393, filed on 16 October 2001,
☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Laurence C. Eisenlohr

Signature: _____ Citizen of: US

Inventor two: Michael T. Howard

Signature: Michael T. Howard Citizen of: US

Inventor three: _____

Signature: _____ Citizen of: _____

Inventor four: _____

Signature: _____ Citizen of: _____

☐ Additional inventors are being named on _____ additional form(s) attached hereto.

Burden Hour Statement: This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is used by the public to file (and the PTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 1 minute to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

COPY

Docket No.: 003252-053310

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Eisenlohr et al.

EXAMINER: Qian, Celine X.

SERIAL NO.: 09/981,393

GROUP: 1633

FILED: October 16, 2001

FOR: NOVEL METHOD FOR ASSESSING RECODING IN VITRO AND IN VIVO

The Assistant Commissioner for Patents
Washington, D.C. 20231

I hereby certify that this correspondence, on the date shown below, is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner of Patents and Trademark, Washington, DC 20231:

Power of Attorney (2 originals) (3 pp. each);
Statement Under 37 C.F.R. Section 3.73(b) Establishing Right of Assignee to
Take Action (2 originals) (3 pp. each);
Copy of Assignments for The University of Utah (3 pp.);
Change of Correspondence Address (1 pg.);
Transmittal Form (PTO/SB/21) (1 pg);
Certificate of Mailing (1 pg.); and
Return Receipt Postcard.

12/6/02
Date

Melissa C. Kruggel
Melissa C. Kruggel

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Laurence C. Eisenlohr and Michael T. Howard

Application No.: 09/981,393

Group No.: 1633

Filed: 10/16/01

Examiner: Qian, Celine X.

For: NOVEL METHOD FOR ASSESSING RECODING IN VITRO AND IN VIVO

Assistant Commissioner for Patents
Washington, D.C. 20231

CHANGE OF ATTORNEY'S ADDRESS IN APPLICATION

Please send all correspondence for this application as follows:


David S. Resnick
NIXON PEABODY LLP
101 Federal Street
Boston, MA 02110

Please direct telephone calls to:

(617) 345-6057

Previous Attorney Docket No.: EISO1-NP001 Current Attorney Docket No.: 003252-053310

Reg. No. 34,235
Tel. No.: (617) 345-6057


SIGNATURE OF PRACTITIONER
David S. Resnick
NIXON PEABODY LLP
101 Federal Street
Boston, MA 02110

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

☒ deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

FACSIMILE

☐ transmitted by facsimile to the Patent and Trademark Office.

Signature

Date:

(type or print name of person certifying)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Eisenlohr et al

Application No.: 09/981,393

Filed: Oct. 16, 2001

Group No.: 1633

Examiner: Qian, C.X.

For: NOVEL METHOD FOR ASSESSING RECODING IN VITRO AND IN VIVO

CERTIFICATE OF MAILING (37 C.F.R. SECTION 1.8(a))

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

12/6/02
Date

Melissa C. Krugel
(type or print name of person mailing)

Mel C. Krugel
(signature of person mailing paper)

Assistant Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)

As assignee of record of the entire interest of the above identified

☒ application,
☐ patent,

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following attorney(s) and/or agent(s) are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

David S. Resnick, Attorney and Patent Agent, Registration No. 34,235
Leena H. Karttunen, under 37 C.F.R. 10.9(b)
Ronald I. Eisenstein, Attorney and Patent Agent, Registration No. 30,628
Nicole L.M. Valtz, Patent Agent, Registration No. 47,150

In re application of: Eisenlohr et al

Application No.: 09/981,393

Filed: Oct. 16, 2001

For: NOVEL METHOD FOR ASSESSING RECODING IN VITRO AND IN VIVO

Group No.: 1633

Examiner: Qian, C.X.

(check the following item, if applicable)

- ☐ Attached, as part of this power of attorney, is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO:

David S. Resnick
NIXON PEABODY LLP
101 Federal Street
Boston, MA 02110

DIRECT TELEPHONE CALLS TO:

David S. Resnick (617) 345-6057

Customer No.: 26248

ASSIGNEE

Thomas Jefferson University

(type or print identity of assignee of entire interest)

1020 Walnut Street, Philadelphia, PA 19107

Address

☒ Recorded in PTO on 10/16/2001

Reel 012284

Frame 0080

ASSIGNEE STATEMENT

Attached to this power is a "STATEMENT UNDER 37 C.F.R. section 3073(b)."

Date _____

Signature

Jussi Saukkonen, M.D.

(type or print name of person authorized to sign on behalf of assignee)

Dean, College of Graduate Studies and Vice
President for Science Policy,
Technology Development and Internal Affairs
Thomas Jefferson University
Title

(check the following item, if it forms a part of this power of attorney)

- ☐ Added page—Authorization of attorney(s) to accept and follow instructions from representative.

In re application of: Eisenlohr et al

Application No.: 09/981,393

Filed: Oct. 16, 2001

For: NOVEL METHOD FOR ASSESSING RECODING IN VITRO AND IN VIVO

Group No.: 1633

Examiner: Qian, C.X.

**ADDED PAGE TO POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE
INTEREST FOR AUTHORIZATION OF ATTORNEY(S) TO ACCEPT AND
FOLLOW INSTRUCTIONS FROM REPRESENTATIVE**

The undersigned to this power of attorney hereby authorize(s) the U.S. attorney(s) named herein to accept and follow instructions from

Name(s) of authorized representative(s)

Address

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will so be notified by the undersigned.

In re application of: Eisenlohr et al

Application No.: 09/981,393

Filed: Oct. 16, 2001

For: NOVEL METHOD FOR ASSESSING RECODING IN VITRO AND IN VIVO

Group No.: 1633

Examiner: Qian, C.X.

- ☒ I, the person signing below, state that I am empowered to sign this statement on behalf of the assignee.

BASIS OF ASSIGNEE'S INTEREST

Ownership by the assignee is established as follows:

A.

1. ☒ An assignment from the inventor, L.C. Eisenlohr, of the matter identified above, which was recorded in the PTO on 10/16/2001 at Reel 012284, Frame 0080.
2. ☐ An assignment (document) from the inventor separately being submitted for recordal herewith.

AND/OR

- B.** ☐ A chain of title from the inventor(s) to the current assignee as shown below:

1. From: _____
Name of inventor(s)
To: _____
Recorded in PTO: Reel _____, Frame _____
2. From: _____
Name of inventor(s) or assignee
To: _____
Recorded in PTO: Reel _____, Frame _____
3. From: _____
Name of inventor(s) or assignee
To: _____
Recorded in PTO: Reel _____, Frame _____

(check item below, and add details, if applicable)

- ☐ Additional documents in the chain of title are listed in the attached Supplemental Sheet.

In re application of: Eisenlohr et al

Application No.: 09/981,393

Filed: Oct. 16, 2001

For: NOVEL METHOD FOR ASSESSING RECODING IN VITRO AND IN VIVO

Group No.: 1633

Examiner: Qian, C.X.

COPIES OF DOCUMENTS IN CHAIN OF TITLE

(complete this item, if copies are being sent)

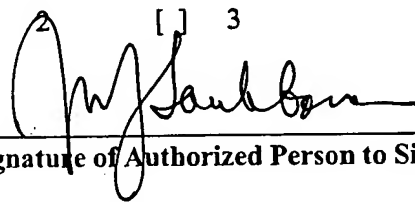
☐ Copies of the assignment(s) or other document(s) in the chain of title are attached as follows:

☐ A
☐ B

☐ 1
☐ 1

☐ 2
☐ 2

☐ 3



Signature of Authorized Person to Sign

Jussi Saukkonen, M.D.

(type or print name of person authorized to sign on behalf of assignee)

Dean, College of Graduate Studies and Vice
President for Science Policy,
Technology Development and Internal Affairs
Thomas Jefferson University
Title

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Eisenlohr et al

Application No.: 09/981,393

Group No.: 1633

Filed: Oct. 16, 2001

Examiner: Qian, C.X.

For: NOVEL METHOD FOR ASSESSING RECODING IN VITRO AND IN VIVO

CERTIFICATE OF MAILING (37 C.F.R. SECTION 1.8(a))

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

12/6/02
Date

Melissa C. Krugger
(type or print name of person mailing)

Melissa C. Krugger
(signature of person mailing paper)

Assistant Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)

As assignee of record of the entire interest of the above identified

☒ application,

☐ patent,

REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

the following attorney(s) and/or agent(s) are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith.

David S. Resnick, Attorney and Patent Agent, Registration No. 34,235

Leena H. Karttunen, under 37 C.F.R. 10.9(b)

Ronald I. Eisenstein, Attorney and Patent Agent, Registration No. 30,628

Nicole L.M. Valtz, Patent Agent, Registration No. 47,150

In re application of: Eisenlohr et al

Application No.: 09/981,393

Filed: Oct. 16, 2001

For: NOVEL METHOD FOR ASSESSING RECODING IN VITRO AND IN VIVO

Group No.: 1633

Examiner: Qian, C.X.

(check the following item, if applicable)

- ☐ Attached, as part of this power of attorney, is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

SEND CORRESPONDENCE TO:

David S. Resnick
NIXON PEABODY LLP
101 Federal Street
Boston, MA 02110

DIRECT TELEPHONE CALLS TO:

David S. Resnick (617) 345-6057

Customer No.: 26248

ASSIGNEE

University of Utah Research Foundation

(type or print identity of assignee of entire interest)

615 Arapleen Drive Suite 110, Salt Lake City, Utah, 84108

Address

- ☐ Recorded in PTO on

Reel _____

Frame _____

ASSIGNEE STATEMENT

Attached to this power is a "STATEMENT UNDER 37 C.F.R. section 3.73(b)."

Date 11/13/02

Signature

Jayne F. Carney

(type or print name of person authorized to sign on behalf of assignee)

Director, Technology Transfer Office

University of Utah

Title

(check the following item, if it forms a part of this power of attorney)

- ☐ Added page—Authorization of attorney(s) to accept and follow instructions from representative.

In re application of: Eisenlohr et al

Application No.: 09/981,393

Filed: Oct. 16, 2001

Group No.: 1633

Examiner: Qian, C.X.

For: NOVEL METHOD FOR ASSESSING RECODING IN VITRO AND IN VIVO

**ADDED PAGE TO POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE
INTEREST FOR AUTHORIZATION OF ATTORNEY(S) TO ACCEPT AND
FOLLOW INSTRUCTIONS FROM REPRESENTATIVE**

The undersigned to this power of attorney hereby authorize(s) the U.S. attorney(s) named herein to accept and follow instructions from

Name(s) of authorized representative(s)

Address

as to any actions to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorney(s) will so be notified by the undersigned.

Practitioner's Docket No. 003252-053310

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Eisenlohr et al

Application No.: 09/981,393

Filed: Oct. 16, 2001

For: NOVEL METHOD FOR ASSESSING RECODING IN VITRO AND IN VIVO

Group No.: 1633

Examiner: Qian, C.X.

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12/6/02
Date

Melissa C. Krugger
(type or print name of person mailing paper)

Melissa C. Krugger

Assistant Commissioner for Patents
Washington, D.C. 20231

STATEMENT UNDER 37 C.F.R. SECTION 3.73(b)
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION

1. The assignee(s) of the entire right, title and interest hereby seek(s) to take action in the PTO in this matter.

IDENTIFICATION OF ASSIGNEE

2. Thomas Jefferson University

Name of assignee

Corporation - Non-profit organization

Type of assignee, e.g., corporation, partnership, university, government agency, etc.

PERSON AUTHORIZED TO SIGN

3. Jussi Saukkonen, M.D.

(type name of person authorized to sign on behalf of assignee)

Dean, College of Graduate Studies and Vice President for Science Policy,
Technology Development and Internal Affairs

Thomas Jefferson University

Title of person authorized to sign

(complete the following, if applicable)

Practitioner's Docket No. 003252-053310

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Eisenlohr et al

Application No.: 09/981,393

Filed: Oct. 16, 2001

For: NOVEL METHOD FOR ASSESSING RECODING IN VITRO AND IN VIVO

Group No.: 1633

Examiner: Qian, C.X.

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12/6/02
Date

Melissa C. Krugel
(type or print name of person mailing paper)

Melissa C. Krugel

Assistant Commissioner for Patents
Washington, D.C. 20231

STATEMENT UNDER 37 C.F.R. SECTION 3.73(b)
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION

1. The assignee(s) of the entire right, title and interest hereby seek(s) to take action in the PTO in this matter.

IDENTIFICATION OF ASSIGNEE

2. University of Utah Research Foundation
Name of assignee
Corporation - Non-profit organization
Type of assignee, e.g., corporation, partnership, university, government agency, etc.

PERSON AUTHORIZED TO SIGN

3. Jayne F. Carney
(type name of person authorized to sign on behalf of assignee)
Director, Technology Transfer Office
University of Utah
Title of person authorized to sign

(complete the following, if applicable)

[X] I, the person signing below, state that I am empowered to sign this statement on behalf of the

In re application of: Eisenlohr et al

Application No.: 09/981,393

Filed: Oct. 16, 2001

For: NOVEL METHOD FOR ASSESSING RECODING IN VITRO AND IN VIVO

Group No.: 1633

Examiner: Qian, C.X.

assignee.

BASIS OF ASSIGNEE'S INTEREST

Ownership by the assignee is established as follows:

A.

1. ☐ An assignment from the inventor of the matter identified above, which was recorded in the PTO on _____ at Reel _____, Frame _____.
2. ☒ An assignment (copies attached) separately being submitted for recordal herewith. One assignment from M.Howard to Univ. of Utah and another from the Univ. of Utah to the Univ. of Utah Research Foundation.

AND/OR

- B.** ☐ A chain of title from the inventor(s) to the current assignee as shown below:

1. From: _____
Name of inventor(s)
To: _____
Recorded in PTO: Reel _____, Frame _____
2. From: _____
Name of inventor(s) or assignee
To: _____
Recorded in PTO: Reel _____, Frame _____
3. From: _____
Name of inventor(s) or assignee
To: _____
Recorded in PTO: Reel _____, Frame _____

(check item below, and add details, if applicable)

- ☐ Additional documents in the chain of title are listed in the attached Supplemental Sheet.

In re application of: Eisenlohr et al

Application No.: 09/981,393

Filed: Oct. 16, 2001

For: NOVEL METHOD FOR ASSESSING RECODING IN VITRO AND IN VIVO

Group No.: 1633

Examiner: Qian, C.X.

COPIES OF DOCUMENTS IN CHAIN OF TITLE

(complete this item, if copies are being sent)

☐ Copies of the assignment(s) or other document(s) in the chain of title are attached as follows:

<input type="checkbox"/>	A	<input type="checkbox"/>	1	<input type="checkbox"/>	2	
<input type="checkbox"/>	B	<input type="checkbox"/>	1	<input type="checkbox"/>	2	<input type="checkbox"/> 3

11/17/02
Date


Signature of Authorized Person to Sign

Jayne F. Carney

(type or print name of person authorized to sign on behalf of assignee)

Director, Technology Transfer Office

University of Utah

Title

ASSIGNMENT

Whereas, the University of Utah, a corporation of the State of Utah, having a place of business at Salt Lake City, Utah is the owner of the entire right, title and interest in and to application for United States Letters Patent entitled; A Novel Method for Assessing Recoding In Vitro and In Vivo , filed in the United States Patent and Trademark Office as Serial No. 09/981,393, on October 16, 2001, which application is incorporated herein by this reference; and the invention therein described; and

Whereas, University of Utah Research Foundation, a corporation of the State of Utah, having a place of business at 201 S. Presidents Circle, Salt Lake City, UT 84112, is desirous of acquiring the entire right, title and interest in and to the said invention within the United States of America and its territorial possessions and within the countries foreign to the United States and any United States or foreign Letters Patent that may be granted therefore; and in and to said application;

Now, Therefore, in consideration of the sum of One Dollar (\$1.00) paid by University of Utah Research Foundation to the University of Utah and other good valuable consideration, the receipt of which is hereby acknowledged, the University of Utah has sold, assigned and transferred and by these presents does hereby sell, assign and transfer unto the said University of Utah Research Foundation the entire right, title and interest in and to the said inventions within the United States of America and its territorial possessions and within all countries foreign to the United States and in and to any United States or foreign Letters Patent that may be granted therefore and in and to the said application and in and to any and all divisions, reissues, continuations and extensions thereof and in and to any Letters Patent that may be granted thereon, all said rights to be held and enjoyed by University of Utah Research Foundation for its own use and enjoyment of its successors and assigns to the full end of the term or terms for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the University of Utah if this assignment, transfer and sale had not been made.

The University of Utah hereby authorized and requests the United States Commissioner of Patents and Trademarks and all authorized officials of foreign patent offices to issue the said Letters Patent, when granted, to said University of Utah Research Foundation as the assignee of its entire right, title and interest in and to the same, for the sole use and enjoyment of said University of Utah Research Foundation, its successors and assigns.

My Commission expires:
June 23, 2004

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

EIS01-NP001

Whereas, I, Michael T. Howard of 1934 South 600 East Salt Lake City, UT 84105, hereafter referred to as applicant, have invented certain new and useful improvements in A Novel Method for Assessing Recoding In Vitro and In Vivo

- ☒ for which an application for a United States Patent was filed on 16 October 2001, Application Number 09 / 981,393.
- ☐ for which an application for a United States Patent was executed on _____, and

Whereas, University of Utah of Salt Lake City, Utah herein referred to "assignee" whose mailing address is 201 President's Circle Salt Lake City, UT, 84112 US is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of One dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this June 14th day of June, 2002, at four twenty five P.M.

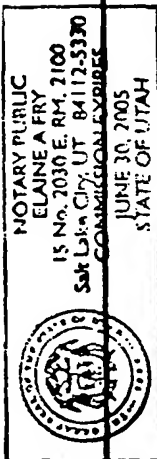
Michael T. Howard
(Signature)

State of UTAH) SS:
County of SALT LAKE)

Before me personally appeared said Michael T. HOWARD and acknowledged the foregoing instrument to be his free act and deed this 14th day of June, 2002.

Seal

Elaine A. Fry
(Notary Public)



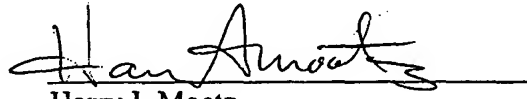
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATE PATENT AND TRADEMARK OFFICE**

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Leena Karttunen is hereby given limited recognition under 37 CFR § 10.9(b), as an employee of the law firm of Nixon Peabody LLP, to prepare and prosecute patent applications wherein the patent applicant is a client of the law firm of Nixon Peabody LLP, and a registered practitioner, who is a member of the law firm of Nixon Peabody LLP, is the practitioner of record in the applications. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Leena Karttunen ceases to lawfully reside in the United States, (ii) Leena Karttunen's employment with the law firm of Nixon Peabody LLP, ceases or is terminated, or (iii) Leena Karttunen ceases to remain or reside in the United States on an H-1B visa.

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